

INDEX OF VOLUME V.

- abunensis, Iphiaulax, 220.
 aciculatus, Pezomachus, 136.
 acutipleura, Tipula, 42.
 Aeschnidæ, 278.
 Agelena nævia, 4.
 Agriotypus armatus, 65, 70.
 alaope, Cerceris, 22.
 albifasciata, Tipula, 344.
 albimacula, Tipula, 51.
 albovittata, Tipula, 61.
 Alexander, C. P., article by, 343.
 alta, Tipula, 44.
 Amaurobius, 7.
 amazonica, Microtipula, 361.
 americana, Ranatra, 281.
 americanum, Lethocerus, 281.
 americanus, Pezomachus, 137.
 americanus, Theroscopus, 114.
 Amnicola, 278.
 amoena, Scolia, 317.
 ampla, Cerceris, 16.
 Anagrus subfuscus, 65, 70.
 Anatomy of *Icerya purchasi*, 383.
 Anax, 278.
 junius, 278.
 anceps, Scolia, 338.
 Andrena, 236.
 annularis, Pomoxis, 276.
 annulatum, Micromeson, 137, 139.
 annulatus, Pezomachus, 137.
 Aphredoderus sayanus, 276.
 apiculata, Nepa, 281.
 Apis, 236.
 Apis mellifica, 234.
 Apterophygus, 113, 114.
 Aptesis, 113, 114.
 Aquatic Hymenoptera in America, 65.
 aquatica, Prestwichia, 70.
 aquivolans, Hydrophylax, 65, 70.
 arelate, Cerceris, 18.
 Arenobius, 141.
 coloradanus, 141.
 mississippiensis, 144.
 sontus, 143.
 Ariadna bicolor, 3.
 apterogyne, Tipula, 344.
 armatipennis, Tipula, 347.
 armatus, Agriotypus, 65, 70.
 ashmeadii, Pezomachus, 119, 120, 135.
 aspersa, Tipula, 51.
 Asynacta, 65.
 atacama, Tipula, 357.
 atrisumma, Tipula, 42.
 Atypus, 3.
 Augochlora, 237.
 auripes, Pezomachus, 134.
 aymara, Tipula, 353.
 badia, Triscolia, 314.
 bakeri, Rhogas, 221.
 Banks, Nathan, article by, 11.
 Bartlett, O. C., article by, 293.
 Belostoma, 277.
 Benacus griseus, 281.
 biarmata, Tipula, 55.
 bicincta, Scolia, 316.
 bicolor, Ariadna, 3.
 bicolor, Eucystomastax, 223.
 bicornuta, Cerceris, 16.
 bidens, Scolia, 338.
 bidentata, Cerceris, 16.
 bifalcata, Tipula, 55.
 bifasciata, Scolia, 338.
 bifasciatus, Rhogas, 222.
 bilineatum, Ophion, 232.
 Binarea, 209, 211.
 Binarea calida, 209.
 spiniollis, 210.
 biuncus, Tipula, 58.
 Bombus, 234, 236.
 Bombus terricola, 233.
 bonikus, Polydesmus, 168.
 Bracon,
 crassitarsis, 213.
 parensis, 212.
 thalesiformis, 215.
 Braconidæ, Brazilian, 193.
 Bradley, J. C., Venation, 78.
 Brain, C. K., article by, 179, 421.
 Branner, J. C., 193.
 branneri, Megaplectes, 195.
 brasiliensis, Chelonus, 206.
 brasiliensis, Crypturoopsis, 198.
 brasiliensis, Helorimorpha, 204.
 brasiliensis, Mirax, 205.
 Brazilian Ichneumonidæ and
 Braconidæ, 193.
 brevistylus, Pezomachus, 119.
 Bruchus, 377.
 chinensis, 377.
 bruesii, Pezomachus, 136.
 Brues, C. T., article by, 193.
 Buwatia, 159.
 monterea, 159.
 By-Laws, IX.
 calcitrans, Stomoxys, 421, 423.
 calida, Binarea, 209.
 californica, Tipula, 49.
 Campanotus, 236.
 canicularis, Homalomyia, 423.
 capensis, Pseudococcus, 182.
 capitata, Ceratitis, 400.
 carapuna, Iphiaulax, 219.
 Caraphractus cinctus, 68, 70.

- catawba, *Cerceris*, 25.
cenocelius tricolor, 208.
cervulus nodicornis, 212.
Ceratitis Capitata, 400.
Cerceris, Notes on the Eastern Species of, 11.
Cerceris
 alaope, 22.
 ampla, 16.
 arelate, 18.
 bicornuta, 16.
 blakei, 26.
 catawba, 25.
 chryssipe, 18.
 clymene, 20.
 clypeata, 18.
 compacta, 17.
 compar, 25.
 dentifrons, 18.
 deserta, 18, 22.
 fasciola, 23.
 finitima, 27.
 finitima nigroris, 27.
 firma, 20.
 frontata, 16.
 fulvipediculata, 24.
 fumipennis, 17.
 gnara, 22.
 halone, 24.
 imitatoria, 20.
 insolita, 23.
 irene, 26.
 jucunda, 26.
 jucunda carolina, 26.
 kennicotti, 25.
 nigrescens, 20.
 mandibularis, 17.
 morata, 19.
 prominens, 19.
 psamathe, 21.
 robertsoni, 17.
 rufinoda, 26.
 zelica, 23.
cetepurange, *Tetragonochora*, 194.
 Chamberlin, R. V., article by, 141.
 Change of names of *Tipula*, 61.
Chelonus brasiliensis, 206.
chilensis, *Macromastix*, 344.
 Chilopods and Diplopods, New North American, 141.
chinensis, *Bruchus*, 377.
Chorebus natator, 70.
chryssipe, *Cerceris*, 18.
cinctus, *Caraphractus*, 68, 70.
citri, *Pseudococcus*, 178.
clara, *Tipula*, 61.
clymene, *Cerceris*, 20.
clypeata, *Cerceris*, 18.
cockerelli, *Pezomachus*, 123.
coloradanus, *Arenobius*, 141.
coloradensis, *Pezomachus*, 122.
commiscibilis, *Tipula*, 61.
communis, *Linyphia*, 4.
compacta, *Cerceris*, 17.
compar, *Cerceris*, 25.
 Comstock, J. H., article by, 1.
concinna, *Tipula*, 61.
Conotrachelus nenuphr, Death feigning, 391.
consors, *Scolia*, 317.
 Constitution, VII.
contaminata, *Tipula*, 61.
convergens *Cerceris*, 21.
cornigerum, *Glyptocranium*, 2.
Cosilidae, 311.
 Courtship of *Trogoderma*, 374.
crassitarsis, *Bracon*, 213.
crassus, *Mesostenoides*, 197.
craveri, *Tipula*, 344.
Cremnodes, 113, 114.
cressonii, *Pezomachus*, 136.
 Crosby, C. R., and Matheson, Robert, article by, 65.
Cryptanura hyalina, 201.
Cryptopyge obtusa, 194.
Crypturopsis, 198.
 brasiliensis, 198.
 minor, 199.
 striata, 201.
 uniformis, 200.
Cryptus heathi, 196.
cubensis, *Scolia*, 318.
 Curtis, C. F., article by, 273.
cylindrata, *Tipula*, 46.
Cyclosa, 9.
Cystomastax, 223.
Dacnusa rousseaui, 70.
 Damages of *Trogoderma*, 369.
 Death feigning *Conotrachelus nenuphar*, 391.
 Death Feigning Instinct in *Heptagenia*, 37.
dentifrons, *Cerceris*, 18.
derbyi, *Tipula*, 47.
deserta, *Cerceris*, 18, 22.
devorans, *Lithobius*, 147.
Dictyna foliacea, 6.
 sublata, 7.
 volucripes, 6.
differentialis, *Melanoplus*, 231.
 Diplopods and Chilopods, New North American, 141.
dispar, *Pezomachus*, 125.
 Distribution of *Trogoderma*, 369.
 Doane, R. W., article by, 41.
Dolerus, 232.
Dolerus unicolor, 232.
domestica, *Musca*, 422.
 Dragon-fly Nymphs, Observations on the Ecology of, 273.
dubia dubia, *Scolia*, 318.

- dubia h ematodes*, *Scolia*, 320.
dubitatus, *Heterospilus*, 226.
edwardsi, *Tipula*, 344.
Elidinae, 311.
 Entomology, Faunistic Studies, 63.
Epicordulia, 278.
Erax, 244.
Eucystomastax, 223.
 bicolor, 223.
excisus, *Iphiaulax*, 217.
fasciiventris, *Heterospilus*, 224.
fasciola, *Cerceris*, 23.
 Faunistic Studies in Entomology, 63.
 Feeding of *Trogoderma*, 375.
 Felt, numerals in classification, 76.
 Biology of *miastor oligarces*, 87.
ferruginosus, *Pezomachus*, 136.
fervida, *Triscolia*, 315.
 Field, W. L. W., Hybrid Butterflies, 87.
Filistata, 7.
firma, *Cerceris*, 20.
fisheri, *Helorimorpha*, 205.
flavescens, *Perca*, 276.
flavicomma, *Tipula*, 57.
flavocauda, *Tipula*, 60.
flavocinctus, *Pezomachus*, 113, 129.
flavocostalis, *Scolia*, 321.
flavomarginata, *Tipula*, 46.
 Flight of Insects, A Problem in the, 61.
foersteri, *Pezomachus*, 136.
foliacea, *Dictyna*, 6.
 Food and Feeding in *Heptagenia*, 33.
fortis, *Iphiaulax*, 216.
 Fossil May-flies, 102.
fragilis, *Pseudococcus*, 186.
frontata, *Cerceris*, 16.
fulvilineata, *Tipula*, 61.
fulvinodus, *Tipula*, 45.
fulvipes, 24.
fulvipediculata, *Cerceris*, 24.
fulviventris, *Scolia*, 323.
fumipennis, *Cerceris*, 17.
fumipennis, *Tipula*, 359.
fuscipennis, *Scolia*, 324.
garius, *Paraiulus*, 167.
 Gee and Wilson, article by, 391.
gerriphagus, *Limnodytes*, 67, 68, 70.
geronimor, *Soniphilus*, 158.
Gerris, *remigis*, 67.
gibbosus, *Lepomis*, 276.
Glyptocranium cornigerum, 2.
gnara, *Cerceris*, 22.
Gosibius, 146.
 monicus, 146.
gracilis, *Pezomachus*, 136.
graphica, *Tipula*, 61.
griseus, *Benacus*, 281.
guato, *Tipula*, 349.
guttata azteca, *Scolia*, 326.
guttata guttata, *Scolia*, 325.
Gyrocampa stagnalis, 65, 70.
 Habitat and General Habits in *Heptagenia*, 31.
halone, *Cerceris*, 24.
 Hartung and Severin, article by, 400.
 Haseman, L., Entomology in Missouri, 87.
heathi, *Cryptus*, 196.
hebes, *cerceris*, 16.
hecate, *Scolia*, 325.
Helorimorpha
 brasiliensis, 204.
 fisheri, 205.
Hemimachus, 113, 114.
Hemiteles, 114.
Hepialus, 234.
 humuli, 243.
 thule, 244.
Hepialus Thule, The Pupal Wings of, 239.
Heptagenia interpunctata Say, 37.
Heterogamus, 222.
Heterospilus
 dubitatus, 226.
 fasciiventris, 224.
 meridionalis, 225, 226.
 nigrescens, 226.
histrion, *Polycyrtus*, 201.
Homalomyia canicularis, 423.
 Homologies in the Wing-Veins of May-flies, 89.
humuli, *Hepialus*, 242.
hyalina, *Cryptanura*, 201.
Hydrophylax, 66.
 aquivolans, 65, 70.
 Hymenoptera, Aquatic, in America, 65.
 Hymenoptera, Lacinia in the Maxilla of, 231.
Hyptiotes, 8.
Hypochilus thorellii 7.
Icerya purchasi, 383.
Ichneumonidae, Brazilian, 193.
Idiasta nigripennis, 227.
iginus, *Poabius*, 153.
imitatoria, *Cerceris*, 20.
incurva, *Tipula*, 43.
infusca, *Macroxyela*, 231.
Interpunctata Heptagenia, Natural History and General Behavior of, 31.
Iphiaulax, 216.
 abunensis, 220.
 carapuna, 219.
 excisus, 220.
 fortis, 217.
 polybothris, 219.
 reduvioides, 216.

- semialbus, 217.
 starksi, 218.
 tristis, 217.
 xanthothorax, 213.
 inea, Tipula, 351.
 inclusum, Trogoderma, 367.
 inconstans, Scolia, 327.
 Insects, A Problem in the Flight of, 61.
 insignipes, Rhogas, 221.
 insolens, Pezomachus, 136.
 insolita, Cerceris, 23.
 insularis, Pezomachus, 136.
 interpunctella, Plodia, 377.
 Ischnura, 65.
 Johnston, C. E., article by, 383.
 Johnson, C. W., color in types, etc., 86.
 junius, Anax, 278.
 kekakensis, Pezomachus, 137.
 kennicotti, Cerceris, 25.
 Kethops, 154.
 utahensis, 155.
 kirkaldyi, Ranatra, 281.
 kukankensis, Pezomachus, 137.
 kukakensis, Theroscopus, 114.
 Lachnosterna, 370.
 Lacinia in the Maxilla of Hymenoptera, 231.
 latzeli, Lithobius, 152.
 lecontei, Scolia, 329.
 Lepomis gibbosus, 276.
 Leptis, 244.
 Lethocerus americanum, 281.
 Liaconsine, 311.
 Limnodytes
 gerriphagus, 67.
 setosus, 70.
 Linyphia, 4.
 communis, 4.
 marginata, 4.
 phrygiana, 4.
 pusilla, 4.
 Lithobius, 147.
 devorans, 147.
 voracior, 150.
 longipes, Pezomachus, 123.
 longispinus, Pseudococcus, 177.
 longistylus, Pezomachus, 120.
 lounsburyi, Pseudococcus, 179.
 Ludvigia palustris, 68.
 lymense, Micromeson, 138.
 lymensis, Pezomachus, 137.
 macrosticta, Cerceris, 16.
 Macroxyela, 232.
 fuscata, 231.
 MacGillivray, A. D., article by, 231, 239.
 Macromastix, 344.
 chilensis, 344.
 macrosterna, Pachyrhina, 344.
 maculata, Vespa, 232.
 maculatus, Pezomachus, 121.
 maculithorax, Ophiogastrella, 202.
 mandibularis, Cerceris, 17.
 manni, Ophionellus, 203.
 manni, Parabinarea, 211.
 manni, Pezomachus, 132.
 marginata, Linyphia, 4.
 marina, Tipula, 44.
 Matheson, Robert, and C. R. Crosby,
 article by, 65.
 Mating of Trogoderma, 374.
 maya, Tipula, 358.
 May-flies, Homologies in the Wing-
 veins, 89.
 May-fly tracheation, Peculiarities of, 93.
 Mediterranean Fruit Fly, 400.
 Megaplectes branneri, 195.
 Melanoplus differentialis, 231.
 melifica, Apis, 234.
 mellitor, Microbracon, 213.
 Membership of the Society, X.
 meridiana, Tipula, 58.
 meridionalis, Heterospilus, 225, 226.
 Mesostenoides crassus, 197.
 Metepeira, 9.
 mexicana Cerceris, 17.
 mexicana, Scolia, 338.
 micariae, Pezomachus, 120.
 Microbracon mellitor, 213.
 microcephala, Tipula, 344.
 Microcryptus, 114.
 Micromeson, 137.
 annulatum, 137, 139.
 lymense, 138.
 Microtipula, 360.
 amazonica, 361.
 minor, Crypturopsis, 199.
 minutus, Pezomachus, 119.
 Mirax brasiliensis, 205.
 mississippiensis, Arenobius, 144.
 mohavea, Scolopendra, 156.
 monicus, Gosibius, 146.
 monifera, Tipula, 344.
 moniformis, Tipula, 344.
 monterea, Buwatia, 159.
 monticola, Scolia, 330.
 morata, Cerceris, 19.
 mordax Lithobius, 152.
 Morgan, May-fly photographs, 77.
 Morgan, Anna H., article by, 89.
 Moulting and Life Cycle in Hep-
 tagenia, 38.
 Moulting of Trogoderma, 372.
 muraltia, Pseudococcus, 184.
 Musca domestica, 422.
 Mutillidæ, 311.
 Myrmosidæ, 311.
 Myzinidæ, 311.

- nævía*, *Agelena*, 4.
nankus, *Poabius*, 153.
natans, *Polynema*, 65.
natator, *Chorebus*, 70.
nelson, abnormal queen bee, 78.
Nemasoma, 162.
 uta, 162.
Nepa, 277.
 apiculata, 281.
Nephila, 9, 10.
 New Neotropical Tipuline, 343.
 New Western Tipula, 41.
nigrellus, *Pezomachus*, 113, 121.
nigropennis, *Idiasta*, 227.
nigrescens, *Cerceris*, 20.
nigrescens, *Heterospilus*, 226.
nigrescens, 22, 23.
nigrocorporis, 45.
nigrofuscus, *Pezomachus*, 133.
nigrolutea, *Pachyrhina*, 344.
nobilitata, *Scolia*, 332.
nobilitata var. *maculata*, *Scolia*, 338.
nodicornis, *Cervulus*, 212.
nodosus, *Pezomachus*, 128.
Notonecta, 68.
novomexicana, 21.

obsesus, *Pezomachus*, 125, 136.
obsoleta, *Cerceris*, 23.
obtusa, *Cryptopyge*, 194.
occidentalis, *Tipula*, 59.
occipitomaculata, 22.
 Officers for 1912, V.
olympia, *Tipula*, 61.
Ophiogastrella, 201.
 maculithorax, 202.
Ophion bilineatum, 232.
Ophionellus, 202.
 manni, 203.
 Osborn, Herbert, article by, 61, 63.
otomita, *Scolia*, 333.
ottawænsis, *Pezomachus*, 134.

pacifica, *Tipula*, 48.
Pachyrhina, 344.
 macrosterna, 344.
 nigrolutea, 344.
 trinidadensis, 346.
palustris, *Ludvigia*, 68.
Pantarves, 244.
Parabinarea, 210.
 manni, 211.
parænsis, *Bracon*, 212.
Paraiulus, 163.
 garius, 167.
 timipius, 165.
 tivius, 163.
parishi, *Tipula*, 355.
pellucida, *Tipula*, 61.
pennsylvanicus, *Pezomachus*, 126.
pennsylvanicus, *Sphex*, 233.

Perca flavescens, 276.
 Peterson, Alvah, article by, 237.
Pezolochus Forster, 113.
Pezomachus, Key to the Species of, 115.
Pezomachus, 114.
 aciculatus, 135.
 americanus, 137.
 annulatus, 137.
 ashmeadii, 119, 120, 135.
 auripes, 134.
 brevistylus, 119.
 bruesii, 136.
 cockerelli, 123.
 coloradensis, 122.
 cressonii, 136.
 dispar, 125.
 ferruginosus, 136.
 flavocinctus, 113, 129.
 foersteri, 136.
 gracilis, 136.
 insolens, 136.
 insularis, 136.
 kukakensis, 137.
 longipes, 123.
 longistylus, 120.
 lymensis, 137.
 maculatus, 121.
 manni, 132.
 micariæ, 120.
 minutus, 119.
 nigrellus, 113, 121.
 nigrofuscus, 133.
 nodosus, 128.
 obesus, 125, 136.
 ottawænsis, 134.
 pennsylvanicus, 126.
 robustus, 120.
 rufipes, 136.
 similis, 127.
 spiraculus, 124.
 stanfordensis, 123.
 texanus, 137.
 utahensis, 118.
Pezomachini, North American, 113.
Phanerotoma trivittata, 207.
Pholcus, 2, 4, 5.
 Phototact reactions and Death Feigning of *Trogoderma*, 378.
phrygiana, *Linyphia*, 4.
Physa, 278.
planicornia, *Tipula*, 52.
Plodia, 377.
 interpunctella, 377.
Poabius, 153.
 iginus, 154.
 nankus, 153.
polybothris, *Iphiaulax*, 217.
Polycyrtus histrio, 201.
Polydesmus, 168.
 bonikus, 168.
Polynema natans, 65.

- Pomoxis annularis*, 276.
popofensis, *Theroscopus*, 114.
Prestwichia aquatica, 65, 70.
Prionemisia, 236.
 Proceedings of Washington Meeting, 76.
prominens, *Cerceris*, 19.
Protoparce carolina, 237.
psamathe, *Cerceris*, 21.
Pseudanomalon, 201.
Pseudococcus of South Africa, 179.
Pseudococcus
 capensis, 182.
 citri, 178.
 fragilis, 186.
 lounsburyi, 179.
 longispinus, 177.
 muraliæ, 184.
 wachendorfiæ, 183.
Psychoda, Observations on, 411.
Psychoda, 411.
 albimaculata, 411.
 californica, 413.
 domestica, 413-416.
 floridica, 411, 413, 416.
 nocturnal, 413, 416.
 psychoda, 413.
 schizura, 411, 416.
 sexpunctata, 417.
pungonius, *Sozibius*, 152.
 Pupal Wings of *Hepialus Thule*, 239.
 Pupation of *Trogoderma*, 374.
purchasi, *Icerya*, 383.
pusilla, *Linyphia*, 4.
pyramis, *Tipula*, 53.

Rahopalsomidæ, 311.
Ranatra, 277.
 americana, 281.
 kirkaldyi, 281.
reduvioides, *Iphiaulax*, 216.
remigis, *Gerris*, 67.
 Report of the Committee on Nomenclature, 79.
 of Auditing Committee, 85.
 by Prof. T. D. A. Cockerell, 80.
 of the Committee on Resolutions, 80.
 of the Executive Committee, 81.
 Resolutions
 On the Death of S. H. Scudder, 72.
 On the Death of H. C. McCook, 73.
 On the Death of D. W. Coquillett, 75.
 Results on Starvation of the Larvæ of
 Trogoderma, 379.
Rhogas, 221, 223.
 bakeri, 222.
 bifasciatus, 222.
 insignipes, 221.
ridingsii, *Scolia*, 334.
robertsoni, *Cerceris*, 17.
robustus, *Pezomachus*, 120.
rousseaui, *Daenusa*, 70.

robustigmosa, *Tipula*, 344.
rufinoda, 12.
rufipes, *Pezomachus*, 136.
rufipes, *Theroscopus*, 114.
rufopicta, 12.
rupicola, *Tipula*, 50.
rusticola, *Tipula*, 47.

sayanus, *Aphredoderus*, 276.
Scolia, 315.
 amoena, 317.
 anceps, 318.
 atrata, 294.
 bicincta, 376.
 bidens, 338.
 bifasciata, 338.
 campestris, 294.
 consors, 317.
 eubensis, 318.
 dubia dubia, 318.
 dubia hæmatodes, 320.
 flavifrons, 294.
 flavoscostalis, 321.
 fulviventris, 323.
 fuscipennis, 324.
 guttata azteca, 326.
 guttata guttata, 325.
 hecate, 325.
 inconstans, 327.
 lecontei, 329.
 mexicana, 338.
 monticola, 330.
 nobilitata, 332.
 nobilitata var. maculata, 338.
 otomita, 333.
 quadripunctata, 295.
 ridingsii, 334.
 tricincta, 322.
 vintschgaui, 336.
Scelopendra, 156.
 mohavea, 156.
semialbus, *Iphiaulax*, 217.
setosus, *Limnodytes*, 70.
Severin, H. H., article by, 76, 400.
sima, *Tutsona*, 161.
similis, *Pezomachus*, 127.
Smith Glycogen in Insects, 77.
smithi, *Tipula*, 350.
Soniphilus, 158.
 geronimor, 158.
 sontus, *Arenobius*, 143.
Sozibius, 153.
 pungonius, 153.
 spatha, *Tipula*, 59.
Sphex pennsylvanicus, 233.
 Spiders, The Evolution of the Webs
 of, 1.
spinicollis, *Binarea*, 210.
spinipes, 152.
spinulatus, *Thaumatotypus*, 116.
spiraculus, *Pezomachus*, 124.

- stagnalis, Gyrocampa, 70.
 stanfordensis, Pezomachus, 123.
 starksi, Iphiaulax, 218.
 sternata, Tipula, 56.
 Sthenopsis, 242.
 Stomoxys calcitrans, 421, 423.
 striata, Crypturopsis, 201.
 Strickland, E. H., article by, 113.
 subandina, Tipula, 344.
 subfuscus, Anagrus, 65, 70.
 sublata, Dictyna, 7.
 suprenans, 152.
 sylvicola, Tipula, 53.

 Tabanus, 244.
 taibona, Xystocheir, 170.
 tarsale, Trogoderma, 367.
 Tegenaria, 4.
 tepidariorum, Theridion, 5.
 terricola, Bombus, 233.
 Tetragonochora cetepurange, 194.
 texanus, Pezomachus, 137.
 thalessiformis, Bracon, 215.
 Thaumatotypus, Forster 113.
 Key to the Species of, 115.
 spinulatus, 116.
 Theridion tepidariorum, 5.
 Theridiosoma, 8.
 Theroscopus Forster, 113.
 Theroscopus, 114.
 americanus, 114.
 kukakensis, 114.
 popofensis, 114.
 rufipes, 114.
 Thigmataxis in Heptagenia, 34.
 thorellii, Hypochilus, 7.
 thule, Hepialus, 239, 244.
 timipius, Paraiulus, 165.
 Tiphidæ, 311.
 Thyinnidæ, 311.
 Tipula, Change of names. 61.
 Tipula, New Western, 41.
 Tipula
 acutipleura, 42.
 albifasciata, 344.
 albimaculata, 51.
 albovittata, 61.
 alta, 44.
 apterogyne, 344.
 armatipennis, 347.
 aspersa, 51.
 atacama, 357.
 atrisumma, 42.
 aymara, 353.
 biarmata, 55.
 bifalcata, 55.
 biuncus, 58.
 californica, 49.
 clara, 61.
 commiscibilis, 61.
 concinna, 61.
 contaminata, 61.
 craveri, 344.
 cylindrata, 46.
 derbyi, 47.
 edwardsi, 344.
 flavicoma, 57.
 flavocauda, 60.
 flavomarginata, 46.
 fulvinodus, 45.
 fulvilineata, 61.
 fumipennis, 359.
 graphica, 61.
 guato, 349.
 inca, 351.
 incurva, 43.
 marina, 44.
 maya, 358.
 meridiana, 58.
 microcephala, 344.
 monifera, 344.
 moniliformis, 344.
 nigrocorporis, 45.
 olympia, 61.
 occidentalis, 59.
 pacifica, 48.
 parishi, 355.
 pellucida, 61.
 planicornia, 52.
 pyramis, 53.
 rubostigmata, 344.
 rupicola, 50.
 rusticola, 47.
 smithi, 350.
 spatha, 59.
 sternata, 56.
 sylvicola, 53.
 subandina, 344.
 tergata, 56.
 ungulata, 54.
 variinervis, 344.
 vittatapennis, 61.
 Tipulidæ, 343.
 Tipulinæ, New Typtropical, 343.
 Tipulini, 343.
 Titsona, 160.
 sima, 161.
 tivius, Paraiulus, 163.
 Tomato-Worm Larva, Anatomy of, 237.
 Tracheæ, Costal and sub-costal, 93.
 Trachea, Radial, 94.
 Medial, 95.
 Cubital, 99.
 Anal, 100.
 tracheation, Peculiarities of May-fly, 93
 transmarium, Lithobius, 152.
 tricincta, Scolia, 322.
 tricolor, Cenocoelius, 208.
 trinidadensis, Pachyrhina, 344.]
 Triscolia, 313.
 badia, 314.
 fervida, 315.

- tristis, *Iphiaulax*, 217.
 trivittata, *Phanerotoma*, 207.
Trogoderma, 367.
 tarsale, 367.
 inclusum, 367.
 Tsou, Chinese wax scale, 77.
 Tucker, Mistletoe Insects, 76.
tyrannus, 152.
- Uloborus*, 8.
ungulata, *Tipula*, 54.
unicolor, *Dolerus*, 232.
uniformis, *Crypturopsis*, 200.
uta, *Nemasoma*, 162.
utahensis, *Kethops*, 155.
utahensis, *Pezomachus*, 118.
- Variation in Size of *Trogoderma*, 378.
variinervis, *Tipula*, 344.
verticalis, *Ischnura*, 65.
Vespa maculata, 232.
- Vespoidea*, 311.
vintschgau, *Scolia*, 336.
vittatapennis, *Tipula*, 61.
volucripes, *Dictyna*, 6.
voracior, *Lithobius*, 147.
vorax *Lithobius*, 152.
- wachendorfiæ*, *Pseudococcus*, 183.
 Wasps, Digger, 294.
 Webster, F. M., Education of Entomologists, 86.
 Welsh, Paul S., article by, 411.
 Wilson and Gee article by, 391.
 Wodsdalek, J. E., article by, 31.
- xanthothorax*, *Iphiaulax*, 213.
Xystocheir, 170.
 taibona, 170.
- zelica*, *Cerceris*, 23.